

GENERAL INFORMATION CONTACT:

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REGISTRATION INFORMATION

The registration fee is \$475 and includes the reception and a copy of the conference digest.

Registration can be completed online from the SOFM website at www.boulder.nist.gov/sofm

Registration Deadline

Foreign National Registrants: **September 5, 2006**

Domestic Registrants: **September 15, 2006**

Requests for cancellation and refund must be received in writing by **September 5, 2006**

Because of security requirements in U.S. Government facilities, **pre-registration is required.**

Foreign Nationals -

Please visit www.boulder.nist.gov/sofm for explicit entry requirements to the conference.

ACCOMMODATIONS

Best Western Boulder Inn

770 28th Street, Boulder, CO 80303

Phone: (303) 449-3800 Fax: (303) 402-9118

Rate: \$90 single + 10.25% tax

Boulder Outlook Hotel and Suites

800 28th Street, Boulder, CO 80303

Phone: (303) 443-3322 Fax: (303) 449-5130

Rate: \$79 single/double + 10.25 % tax

Rates valid until August 18, 2006



U.S. DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
325 Broadway
Boulder, Colorado 80305-3328

*A NIST symposium for photonic
and fiber measurements*

SOFM 2006



Boulder, Colorado, September 19-20, 2006

*Join us in Boulder for the premiere
forum on measurement aspects of*

- Optical fibers: singlemode, multimode, and specialty
- Fiber sensors
- Optoelectronic components: active and passive
- Optical network systems
- Test and measurement instrumentation
- Standards

NIST

National Institute of Standards and Technology
Technology Administration, U.S. Department of Commerce

IEEE LEOS
LASERS & ELECTRO-OPTICS SOCIETY

OSA
Optical Society of America

Sponsored by the
National Institute of Standards and Technology
In cooperation with the
IEEE Lasers and Electro-Optics Society
and the Optical Society of America

www.boulder.nist.gov/sofm

CALL FOR PAPERS

This is the 14th SOFM, a 2 - day conference devoted entirely to the topic of measurements for lightwave technology. SOFM has met on even-numbered years since 1980, and its program consists of contributed and invited papers for oral presentation. Experimental and analytical papers are solicited on any measurement aspect of guided lightwave technology, optoelectronic devices or systems.

The symposium is held in Boulder, Colorado, at the Department of Commerce Laboratories, containing facilities of the National Institute of Standards and Technology, the National Oceanic and Atmospheric Administration, and the National Telecommunications and Information Administration.

Boulder is located at the eastern edge of the Rocky Mountains, about 70 km northwest of the Denver International Airport. Transportation from the airport is by rental car, limousine (van), or bus. Further information can be found on our website.

A reception will be held the evening of September 19th.

WEBSITE:

www.boulder.nist.gov/sofm

SCHEDULED INVITED TALKS INCLUDE THE FOLLOWING:

“Photonic Sensor Market Evolution: Opportunities, Barriers, Metrology Needs”

David Krohn, *Light Wave Venture*

“Fiber Frequency Combs: Development and Applications”

Nathan Newbury, *NIST*

“WDM-PON for FTTx”

Byoung Yoon Kim, *Novera Optics, Inc.*

“Network FTTx Deployment”

Jimmy Salinas, *SBC*

“Critical Issues Relating to FTTH/PON Testing”

André Girard, *EXFO*

“Monitoring OSNR in Dynamic WDM Network”

Yun Chung, *KAIST*

“Characterization of Hole-Assisted Fibers as Single Polarization Fibers and Polarization Maintaining Fibers”

Xin Chen, *Corning, Inc.*

“Special Requirements for Measurement Techniques Used for POF and Thick Glass Fibers”

Olaf Ziemann, *POF-AC*

“PMD: Measurement Method Linkages”

Tom Hanson, *Corning, Inc.*

“New Methods for Investigating Mode Coupling in Multimode Fiber: Impact on High-Speed Links and Channel Equalization”

Stephen Ralph, *Georgia Tech*

PAPER SUBMISSION

Paper submissions must be no more than four pages, including figures, tables, and references. Accepted papers will be published in a non-copyrighted Technical Digest, distributed at the Symposium. Paper layout is 8½ x 11 inches with 1-inch margins and the title at the top of the first page, followed by the author's name(s) and affiliation(s). **All submissions must be in PDF format**, and submitted as an email attachment sent to sofm@boulder.nist.gov. In the email, identify the presenting author and corresponding author (if different), provide phone, FAX, and email information for each. Address submission questions to Annie Smith (303) 497-5342.

DEADLINE for the receipt of summaries is May 24, 2006. Contributors will be notified of the committee's decision by the middle of July.

PROGRAM COMMITTEE

T.J. Drapela, *NIST* (Symposium co-chair)
P.A. Williams, *NIST* (Symposium co-chair)

A. Barlow, *PerkinElmer*

A. Champavere, *JDSU*

G.W. Day, *NIST*

S.C. Fleming, *University of Sydney*

D.L. Franzen, *NIST*

N. Gisin, *University of Geneva*

M. Hackert, *US Navy*

T.A. Hanson, *Corning*

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P. Kolesar, *SYSTIMAX Solutions*

D. Krohn, *Light Wave Venture*

G. Kuyt, *Draka Comteq*

A. McCurdy, *OFS*

G.W. Schinn, *EXFO*

C. Shaar, *Photon Kinetics*

H. Takara, *NTT*